

TIMBER MARKING INFORMATION: This timber sale contains 3 Payment Units with timber designated for cutting. Trees designated for cutting are Cut Tree Marked (CTM) and are designated with paint marks at eye about eye level and on the stump. These trees are marked sawtimber trees that have two spots of paint on the stump only. **Unless designated by the Forest Service, additional trees will not be removed.**

Cut Trees in this sale area are designated as indicated below:

<u>Type</u>	<u>Markings</u>	<u>Payment Unit</u>
Cut Trees	Blue Paint	1 - 3

Cut Tree Marking (CTM): Payment Units 1- 3 were cruised and volumes estimated utilizing the Sample Tree Measurement method. Sampling intervals for the products/diameter classes are listed under the Volume and Sampling information table.

VOLUME AND SAMPLING INFORMATION: Timber volumes are based on cubic foot tree measurement rule. Scribner board foot volumes are listed for informational purposes only so bidders can compare with cubic volume estimates. Sawtimber volume is determined from tree measurement volume equations for the Sam Houston National Forest. Pine sawtimber on this sale was not graded. The pine sawtimber volume is approximately 67% loblolly and 33% shortleaf.

Minimum Tree Specifications

Minimum Diameter at Breast Height (DBH): 11.0”
Minimum Length: 12 feet

Minimum Piece Specifications

Minimum Length: 12 feet
Minimum Diameter Inside Bark at Small End: 6.0” **
Net Measure % of Gross Measure: 50% sound

**Unless the sum of the diameters of a whorl where three (3) or more measurable branches, (whose total diameters are equal to or greater than the diameter of the stem) occurs within a 1 foot section and there is not a minimum piece above the whorl.

The Forest Service will follow “National Forest Cubic Scaling Handbook” direction in accordance with contract provisions. Pine sawtimber with splits, blue stain or wood borer holes that meet the utilization standards listed above will be removed from the sale area and paid for at contract rates.

SAMPLING INFORMATION: The following methods were used to estimate timber volume and data.

<u>Payment Units</u>	<u>Species/Product</u>	<u>DBH Range Sampled</u>	<u>Sample Interval</u>	<u>100% Tree Measurement DBH Range</u>
1 - 3	Pine Sawtimber	11.0”+	1 in 15	N/A

ADDITIONAL SALE PREPARATION INFORMATION: This timber sale contains 3 Payment Units. The purpose of it is to remove dead and dying pine trees that pose a safety hazard to the public in the Cagle Recreation Area.

OPERATING RESTRICTIONS: Because this sale is located within the Cagle Recreation Area, logging and associated operations the entire Sale Area are prohibited from 5 PM on Friday evening until 7 AM Monday morning and on All Federal Holidays.

RELEASE OF UNITS FOR CUTTING: Purchaser must get a written release from the Forest Service before entering any Payment Unit. Before a Unit can be accepted as completed, cutting and all other contract obligations must be completed.

USE OF ROADS: Trucks used in hauling timber from this sale over roads under Forest Service jurisdiction are subject to State and County load, weight, length, height and width limitations. Any exceptions to these limitations are posted by individual road or road segment. Prospective bidders are urged to check out any questions on haul route with the Forest Service before submitting bids. In addition, road use permits may be required by the County for use of roads under their jurisdiction. Purchaser is responsible for obtaining proper authorization for use of roads.

ROAD MAINTENANCE: The purchaser will be required to pay for road maintenance on roads used which the Forest Service maintains, commensurate with purchaser's use of such roads. Road maintenance requirements are estimated for the

designated haul route (involving the use of NFSR 205). Any change from the proposed haul route may necessitate a change in the roads to be maintained or in the amount of required deposit for road maintenance. The estimated cost of road maintenance has been allowed for the appraisal.

The Purchaser will be required to make a deposit of \$0.81/CCF for road maintenance. This is for maintenance of National Forest System Road 205. This deposit is in addition to bid rates and shall be made in advance of cutting.

LANDINGS AND SKID TRAILS: The location and clearing widths of all landings shall be approved by the Forest Service before construction or use is started. The estimated quantity of timber in this sale does not include timber within the clearing limits of these. Any additional timber requiring removal will be designated by the Forest Service and paid for at contract rates prior to cutting.

Purchaser shall maintain all erosion control or water diversion structures, such as waterbars and broad-based dips, in a functional condition during operations. Purchaser shall reshape surface and close all Temporary openings prior to prolonged periods of non-use or when use is completed.

EROSION CONTROL: Purchaser will install waterbars as logging and use of roads is completed.

The Forest Service will **not** agree to perform the water barring and road blocking work for the purchaser.

The purchaser shall also install temporary waterbars if logging operations are stopped for prolonged periods prior to completing a payment unit. The Forest Service will **not** perform such temporary water barring work.

Where waterbars or similar measures won't provide satisfactory erosion control, purchaser shall vegetate areas where soil disturbance will result in soil losses from erosion. Areas specified by the Forest Service will be fertilized with 300 pounds of 13-13-13 commercial fertilizer (or equivalent) per acre and seeded in accordance with the sample contract Special Provision CT6.601 specifications.

The Forest Service will **not** agree to perform the seeding and fertilizing work for the purchaser.

SLASH DISPOSAL/TREATMENT: Purchaser will be required to remove all logging slash and other debris resulting from logging operations that can be moved with equipment out of maintained openings, paved or graveled surfaces, shoulders, and draining ditches, and off trails shown on the Sale Area Map. Any slash that cannot be moved with equipment without causing damage to improvements or other protected areas may be left in place with Forest Service approval.

Within Payment Units, slash must be treated adjacent to FM 1375, NFSR 205, Camping and public parking areas, Hiking Trails, the Boat Ramp area, and RCW Cavity Trees. See Special Provision CT6.7 for additional information.

PROTECTION OF SPECIAL AREAS: Within the sale area there are buried utility lines, pipeline ROWs, developed campsites, and other areas inside or adjacent to the Payment Units. Logging equipment will only be allowed on trails or other protected locations at specific places and times determined by the Forest Service. Locations and extent of these areas are designated on the ground and on the Sale Area Map.

Additionally, to protect Red Cockaded Woodpecker nesting activities, all logging operations in Payment Unit 2 are restricted to taking place from 1 hour after Sunrise to 1 hour before Sunset.

See Special Provision CT6.222 for further information.

PROTECTION OF IMPROVEMENTS: The following improvements are located within or adjacent to the sale area:

- Camping sites and associated improvements
- Underground and above ground utility lines
- Buildings and utility structures
- Improved Trails

Purchaser shall protect these improvements during operations and shall be responsible for prompt repair of any damage caused to them. Operations shall not begin until all necessary arrangements to protect these improvements and prevent damage have been made.

PRE-WORK CONFERENCE: A pre-work conference will be held with the designated representatives before Purchaser begins operations. The purpose of the conference is to ensure designated representatives have a clear understanding of the contract requirements and obligations. The time and place for conference will be arranged by Forest Service.

GENERAL

This sale is in urgent need of harvesting. An extension or contract term adjustment may be granted on other Forest Service sales to the Purchaser of this sale. Purchaser must demonstrate how logging this sale impacts operations on existing sales.